

AMENDMENTS TO THE ABSTRACT:

Please amend the abstract as follows:

An ~~To provide an~~ interference-signal removing apparatus is provided for improving the quality of interference-removed input signals by removing only interference signals having a comparatively high level from input signals including wide-band signals and narrow-band interference signals. For example, an input-signal control circuit ~~means 1 and 2~~ restricts effective word lengths of digital values of input signals, an interference-signal estimation circuit ~~means 3~~ estimates interference signals included in input signals in accordance with effective-word-length-restricted input signals, an interference-signal extraction circuit ~~means 4~~ extracts interference signals included input signals in accordance with an estimation result fo the interference-signal estimation means, and an interference-signal removal circuit ~~means 5~~ removes extracted interference signals from input signals.